- A method according to any one of claims 1 to 17, in which the condition is selected from the group consisting of gastrointestinal ulcers, gastro-oesophageal reflux, gastric carcinoid, and Zollinger-Ellison syndrome, with the proviso that the metal ion is not bismuth.
- 24. A peptide which is a fragment of a non-amidated gastrin and which
- (a) comprises at least glutamate residue 7 of the $10 \quad (Glu)_5$ sequence of non-amidated gastrin, and
 - (b) which is capable of binding one or more ferric ions, with the proviso that the peptide is not full length Ggly, full length glycine-extended gastrin or full length progastrin, or LE_5AYG .
 - 25. A peptide according to claim 24, consisting of amino acids 5 to 14 of the Ggly sequence.
- 26. A peptide according to claim 24, selected from the group consisting of $Ggly_{5-18}$, $Ggly_{1-11}$, LE_5AY , LE_5A , LE_5A , E_5A , E_5A , E_5A , and E_5AY .
- 27. A peptide according to any one of claims 24 to 26, in which the carboxy terminus of the peptide is 25 amidated.
 - 28. A peptide according to any one of claims 24 to 26, in which the amino terminus of the peptide is acetylated.
 - 29. A complex comprising

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- (a) a non-amidated gastrin, a peptide fragment thereof according to any one of claims 24 to 28, or LE_5AYG , and
- 35 (b) a trivalent metal ion.
 - 30. A complex according to claim 29, in which the

trivalent metal ion is Bi3+ or Ga3+.

31. A complex according to claim 29 or claim 30, comprising a non-amidated gastrin and bismuth ions.

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- 32. A pharmaceutical composition comprising
- (a) a peptide according to any one of claims 24 to 28, LE₅AYG, or
- (b) a complex according to any one of claims 29 to
- 10 31,

together with a pharmaceutically acceptable carrier, excipient or diluent.

- A method of promoting intestinal function,
- 15 comprising the step of administering
 - (a) a peptide according to any one of claims 24 to 27 or LE_5AYG , and/or
 - (b) a complex according to claim 28 or claim 29 to a subject in need of such treatment.

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- 34. A method according to claim 31, in which the subject is suffering from injury to the bowel, an inflammatory condition of the bowel, or short bowel syndrome, has undergone a partial or complete resection of the bowel, or is undergoing total parenteral nutrition.
 - 35. A method of screening of candidate metal ionbinding compounds for ability to modulate the activity of non-amidated gastrins, comprising the steps of
- assessing the ability of the compound to inhibit binding of ferric ions to a non-amidated gastrin and/or b) assessing the ability of the compound to madulate
 - b) assessing the ability of the compound to modulate proliferation and/or migration of cells of a gastric mucosal cell line in response to a non-amidated gastrin.

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36. A method according to claim 35, in which the non-amidated gastrin is $Ggly_{17}$.

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- 37. A method according to claim 35 or claim 36, in which the gastric mucosal cell line is IMGE-5.
- 5 38. A method according to any one of claims 35 to 37, in which the compound is additionally assessed for its ability to inhibit Gamide-induced inositol phosphate production, and/or cellular proliferation in cells which express the CCK-2 receptor.
- 39. Use of a compound which has the ability to inhibit the binding of ferric ions to glycine-extended gastrin, or to progastrin, but which does not inhibit the activity of amidated gastrin, in the manufacture of a
- 15 medicament for the treatment or prophylaxis of a condition associated with elevated levels of non-amidated gastrin.
 - 40. Use of
- (a) a peptide fragment according to any one of claims 20 24 to 27, LE_5AYG , and/or
 - (b) a complex according to claim 28 or claim 29 in the manufacture of a medicament for promoting intestinal function.